EOSDIS

NASA'S EARTH OBSERVING SYSTEM
DATA AND INFORMATION SYSTEM

Collection Evaluation And Evolution

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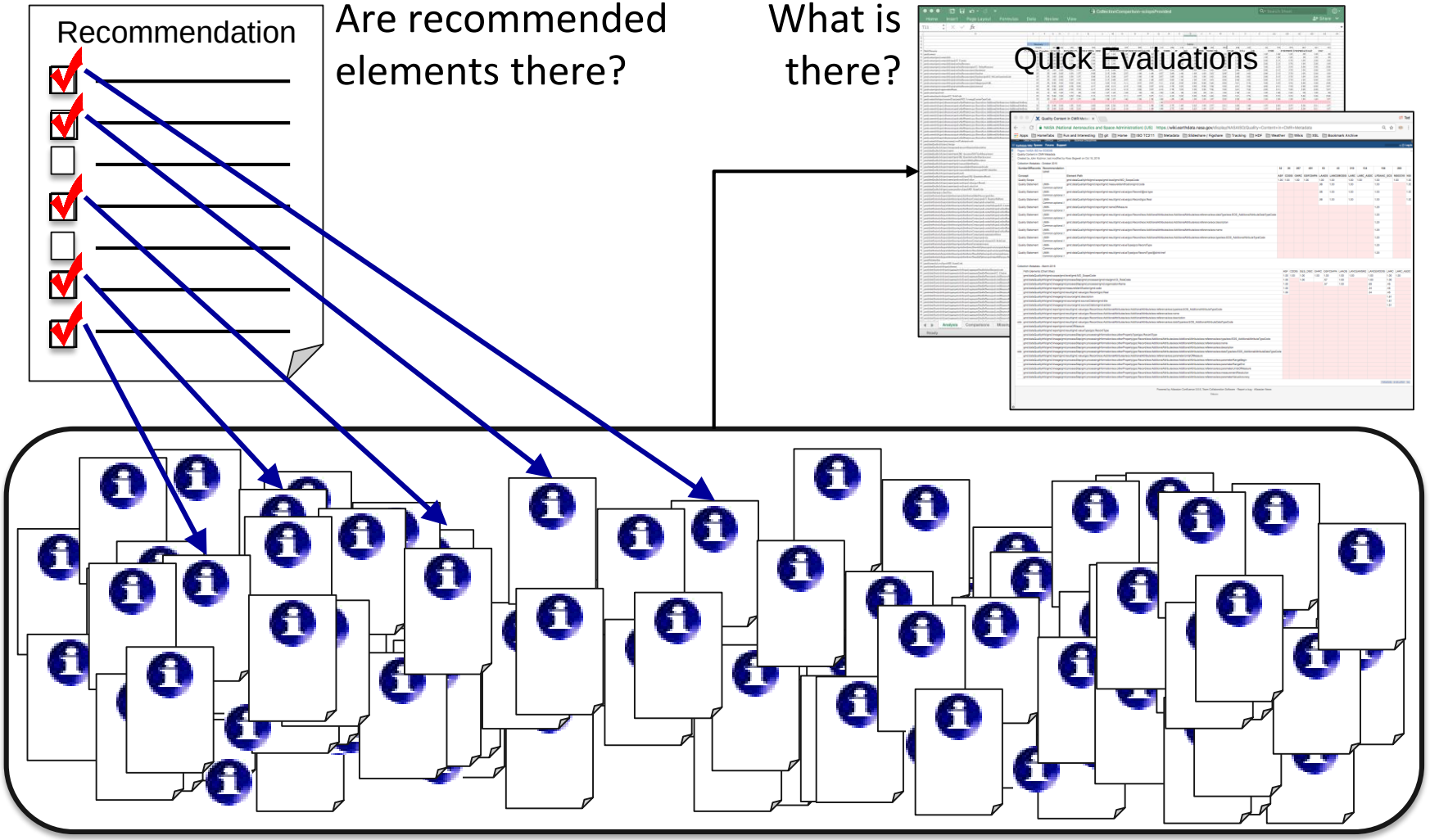
Collection Evaluation

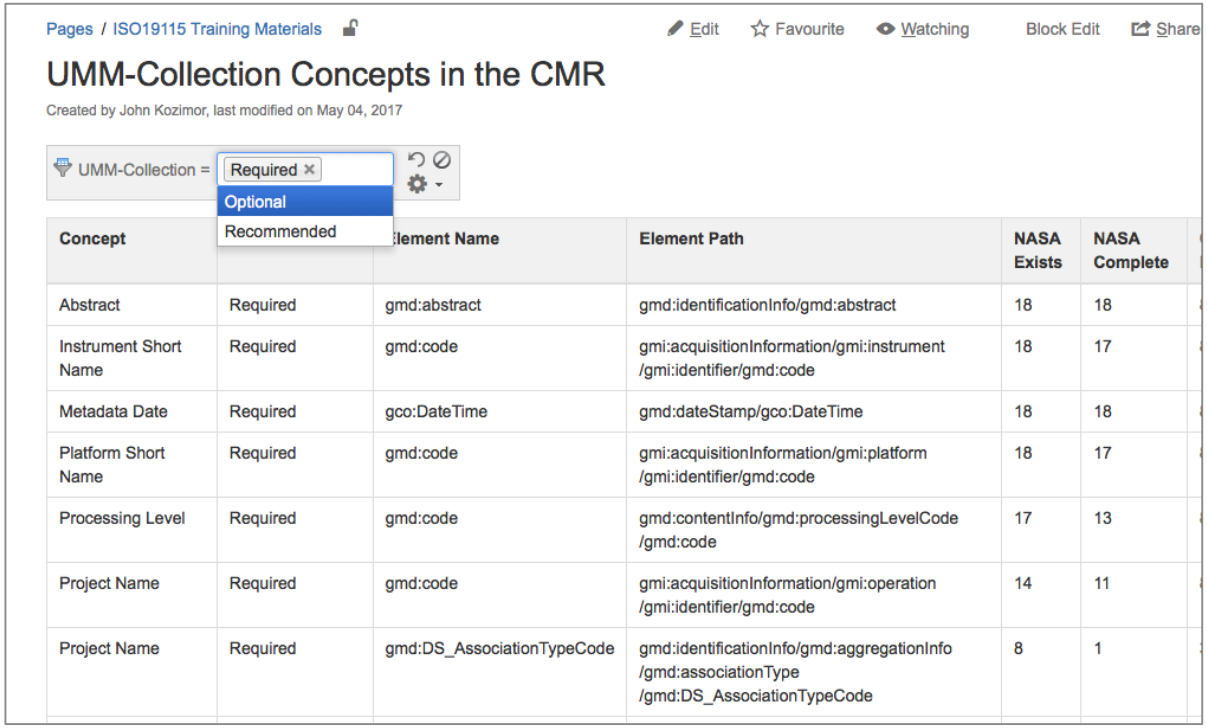


Recommendation Reports

Purpose: To identify and compare the usage of UMM Profile concepts across CMR Metadata Collections.

Scope: This report considers over 15,000 metadata records from 18 NASA Providers and 8 Other providers.

Demo Focus: UMM-Collection metadata Profile



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UMM-Collection Concepts in the CMR

Created by John Kozimor, last modified on May 04, 2017

UMM-Collection = Required ×

Optional

Recommended

Concept		Element Name	Element Path	NASA Exists	NASA Complete
Abstract	Required	gmd:abstract	gmd:identificationInfo/gmd:abstract	18	18
Instrument Short Name	Required	gmd:code	gmi:acquisitionInformation/gmi:instrument /gmi:identifier/gmd:code	18	17
Metadata Date	Required	gco:DateTime	gmd:dateStamp/gco:DateTime	18	18
Platform Short Name	Required	gmd:code	gmi:acquisitionInformation/gmi:platform /gmi:identifier/gmd:code	18	17
Processing Level	Required	gmd:code	gmd:contentInfo/gmd:processingLevelCode /gmd:code	17	13
Project Name	Required	gmd:code	gmi:acquisitionInformation/gmi:operation /gmi:identifier/gmd:code	14	11
Project Name	Required	gmd:DS_AssociationTypeCode	gmd:identificationInfo/gmd:aggregationInfo /gmd:associationType /gmd:DS_AssociationTypeCode	8	1

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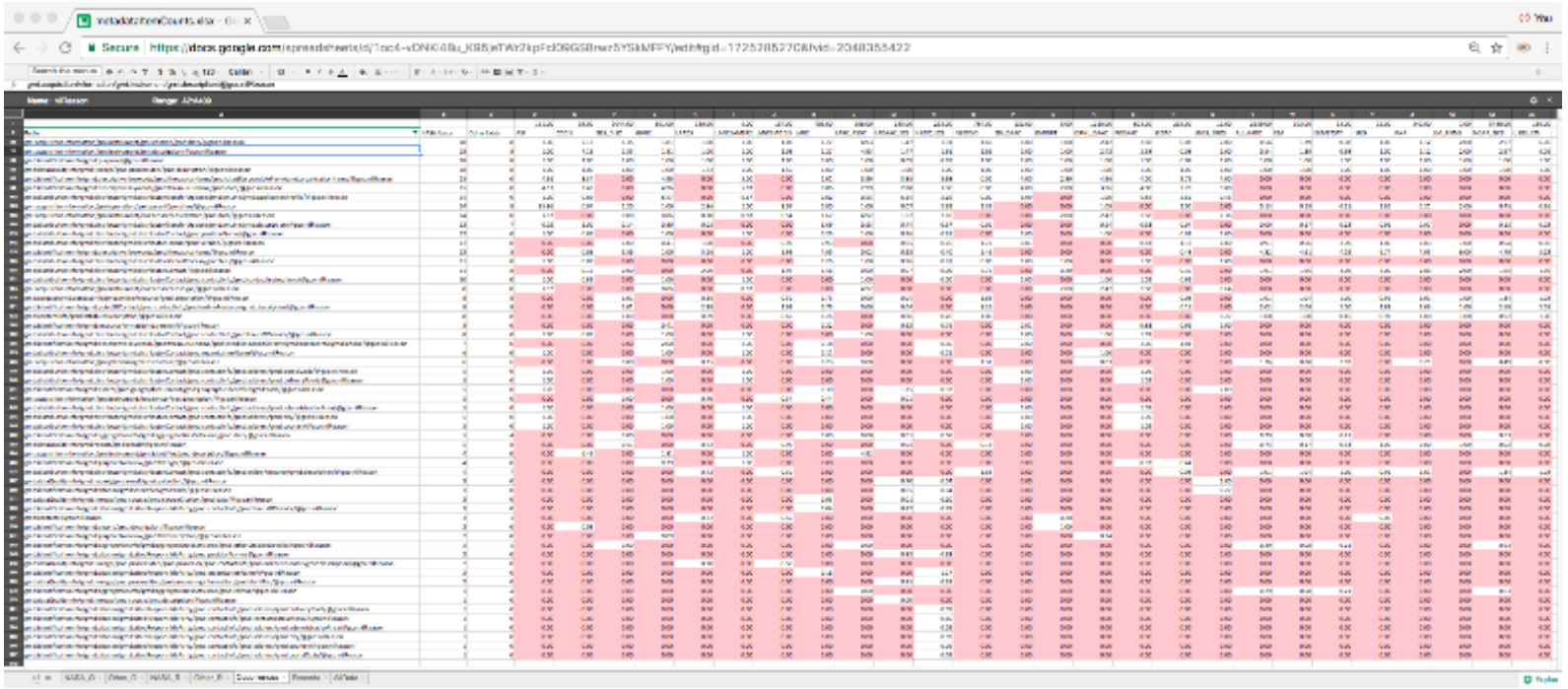
https://confluence.hdfgroup.org/pages/viewpage.action?pageId=48803313

Quick Evaluations

Purpose: To identify and compare the usage of commonly used documentation objects across CMR metadata Collections.

Scope: This report considers over 15,000 metadata records from 18 NASA Providers and 8 Other providers.

Demo Focus: How do CMR metadata providers document people and organizations?



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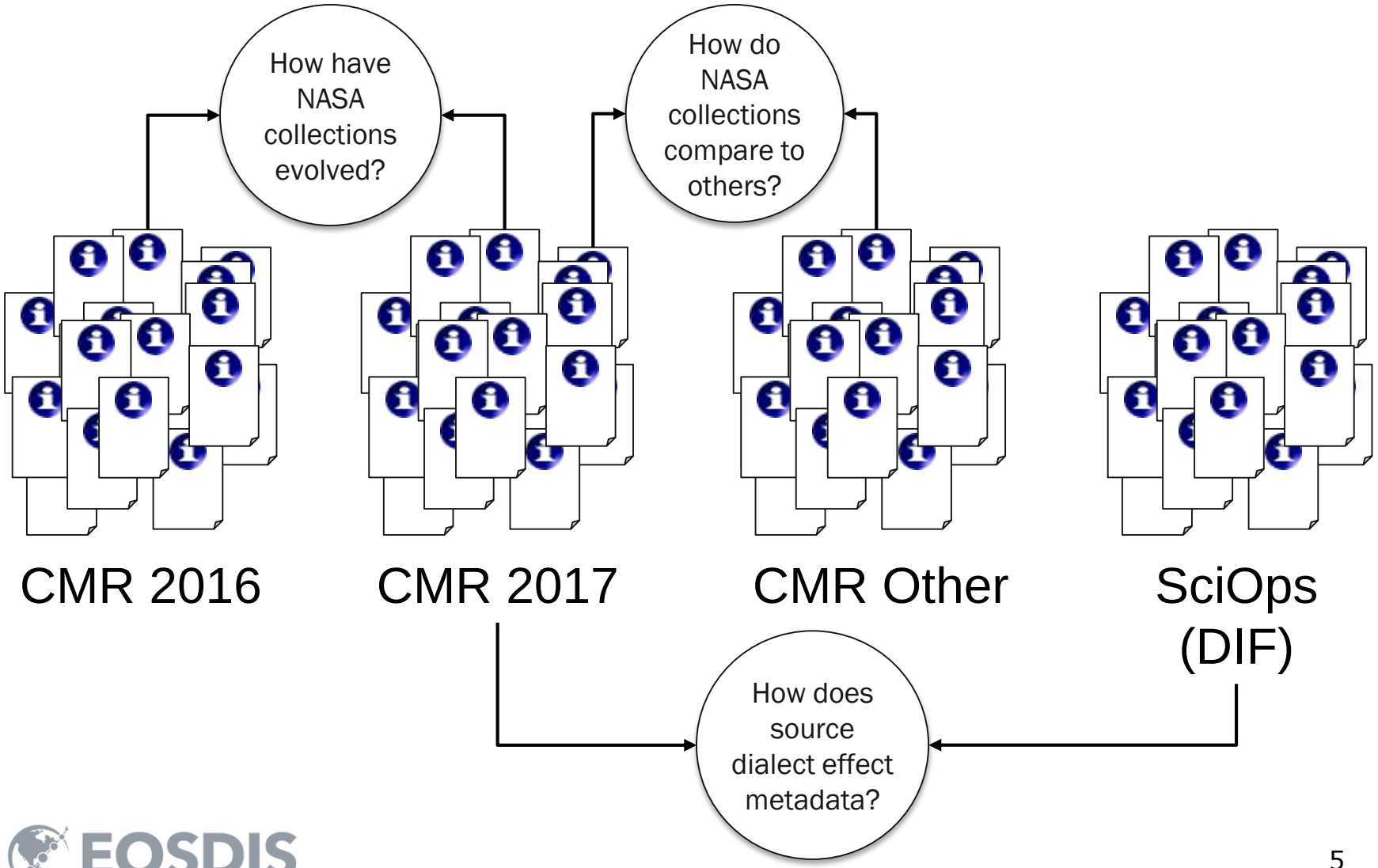
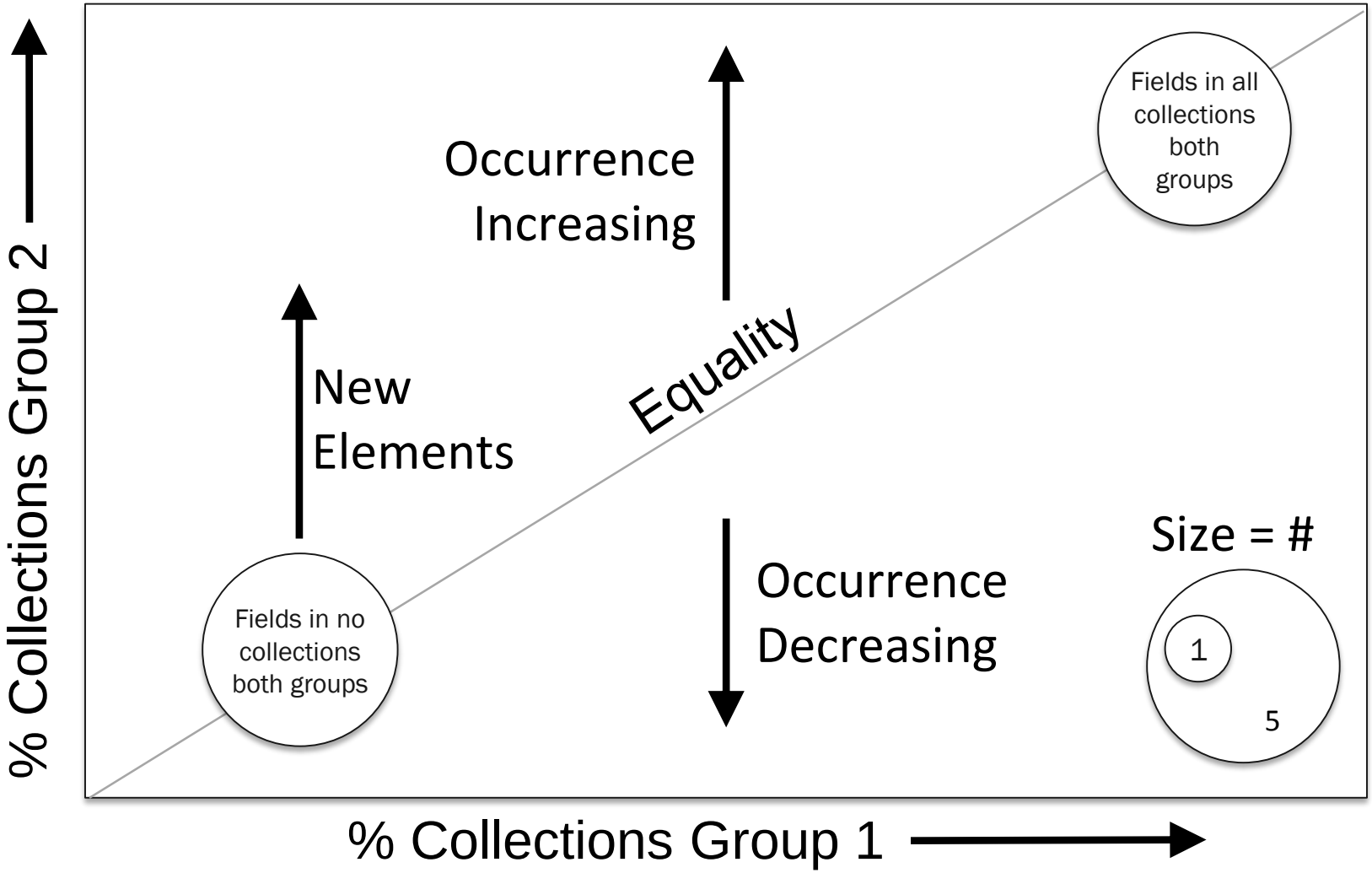
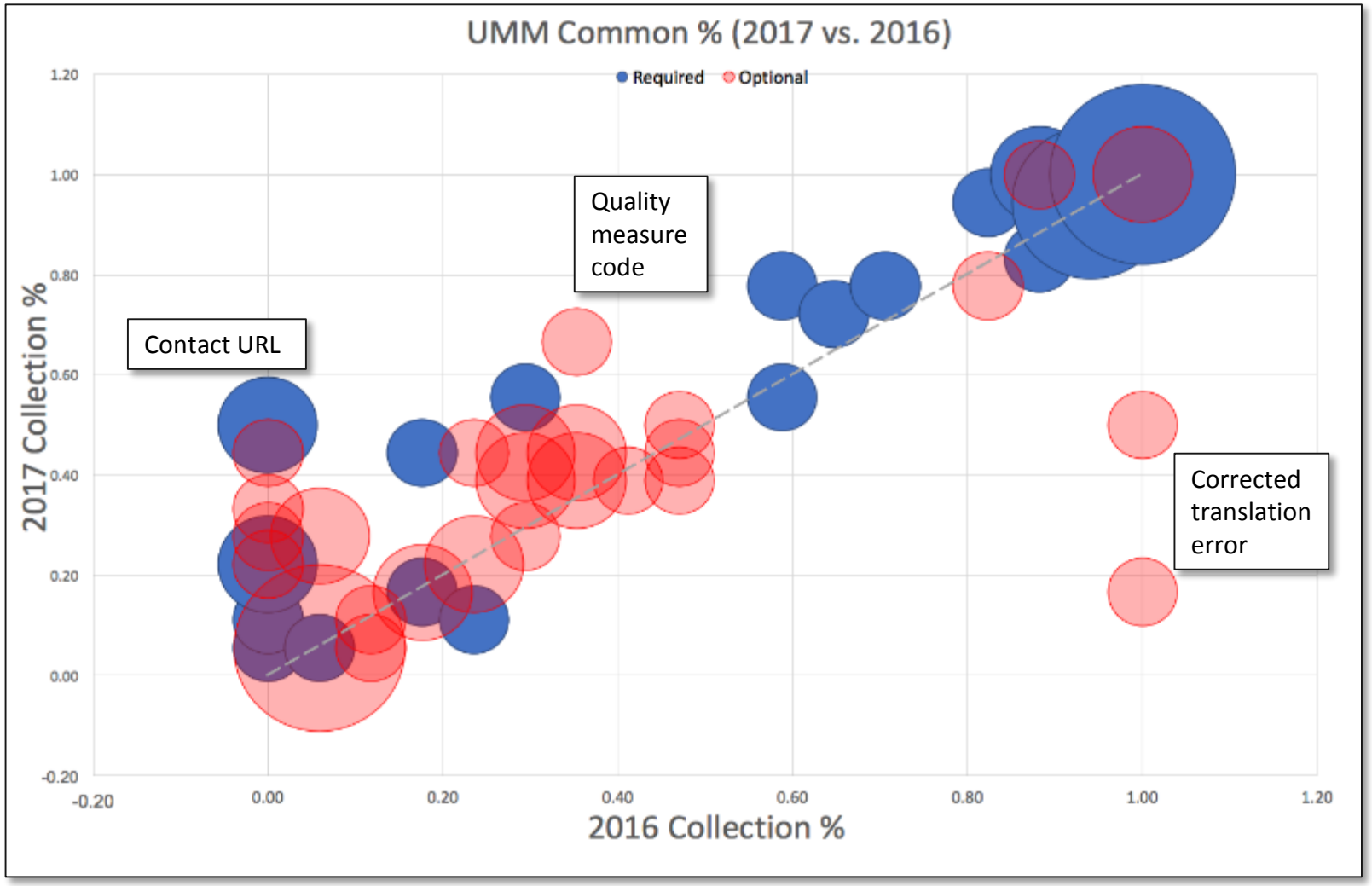
Collection Evolution



Comparisons



UMM-Common Evolution



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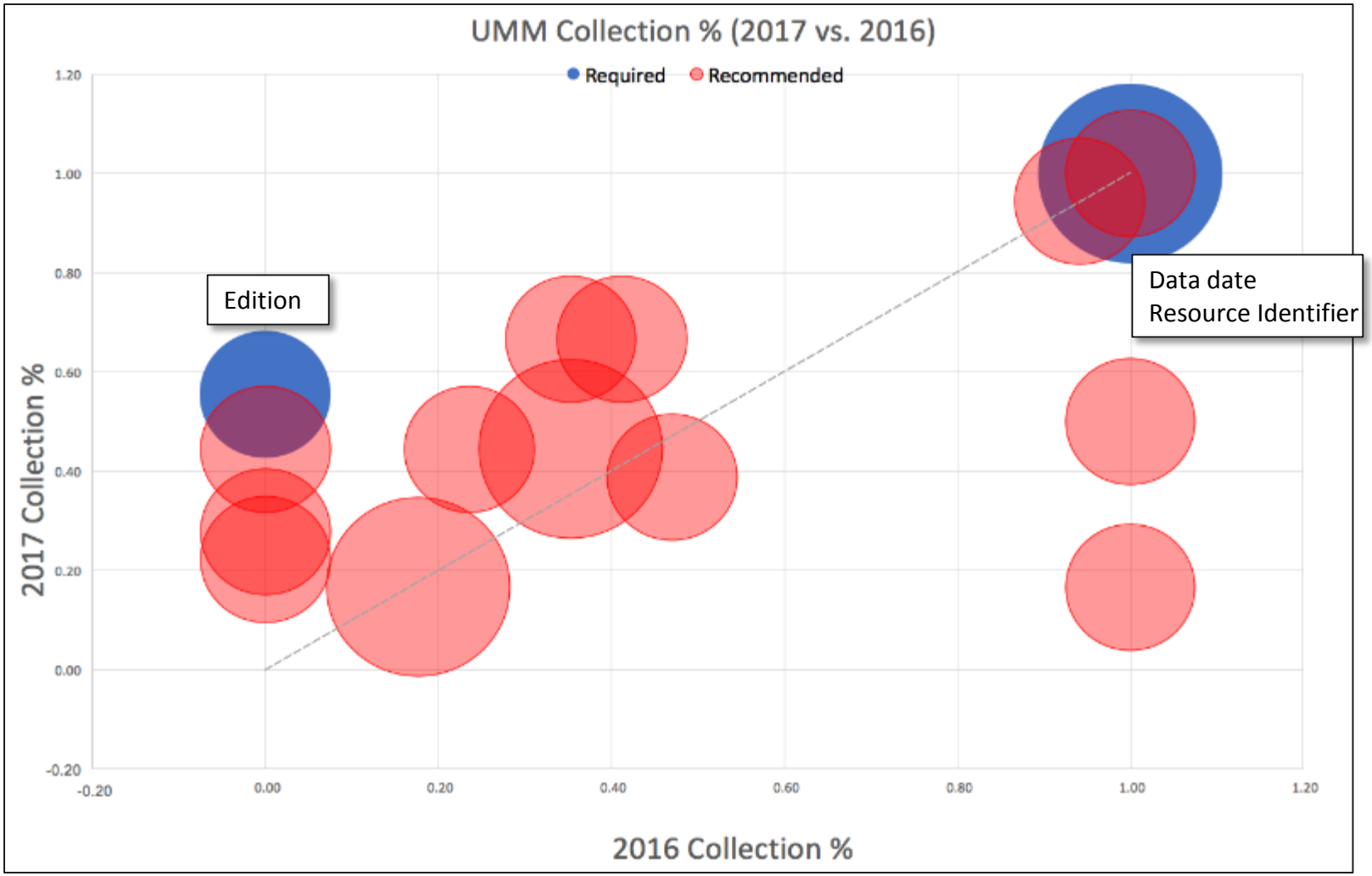
UMM-Collection Evolution



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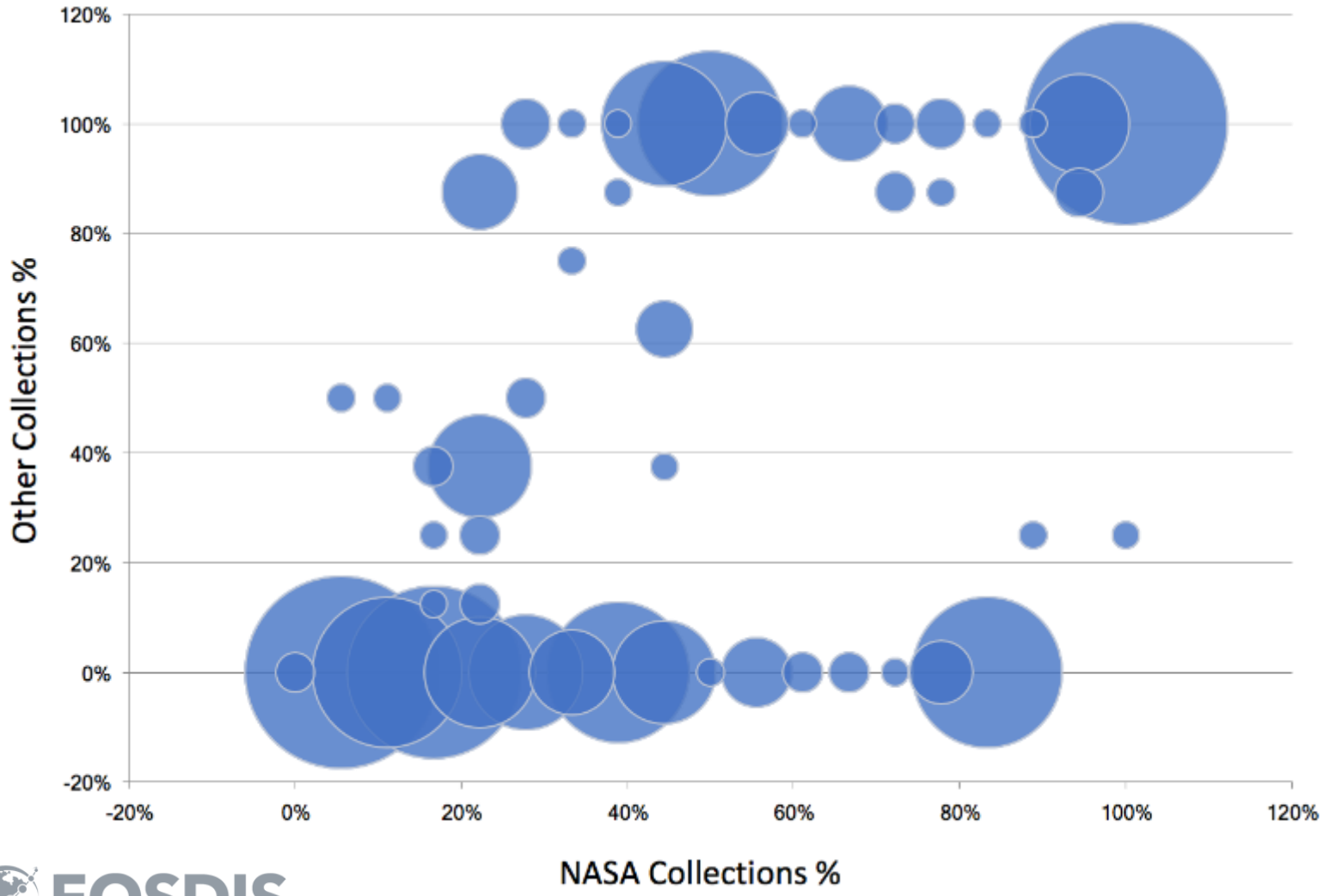
Other vs. NASA Exists



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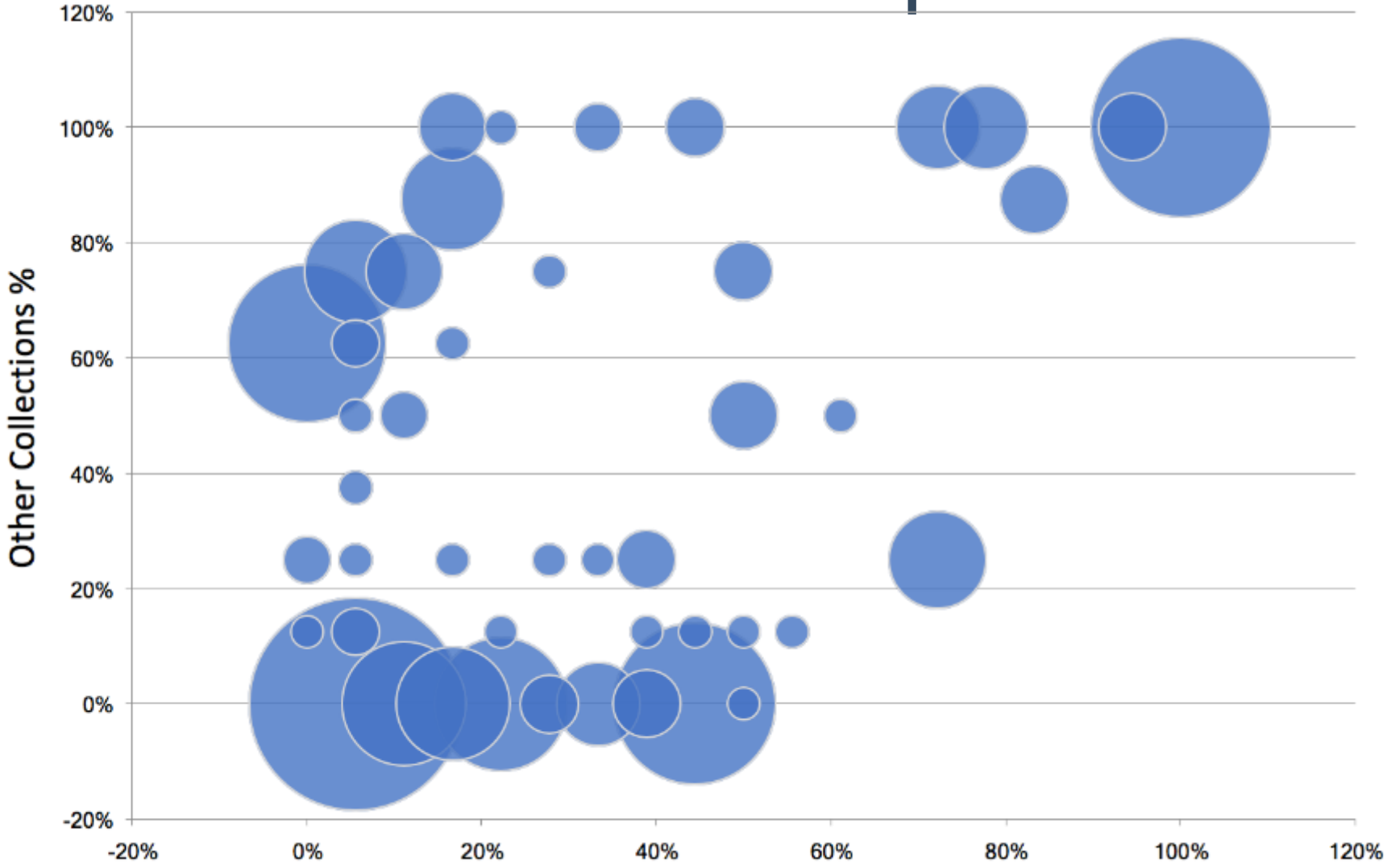
Other vs. NASA Complete



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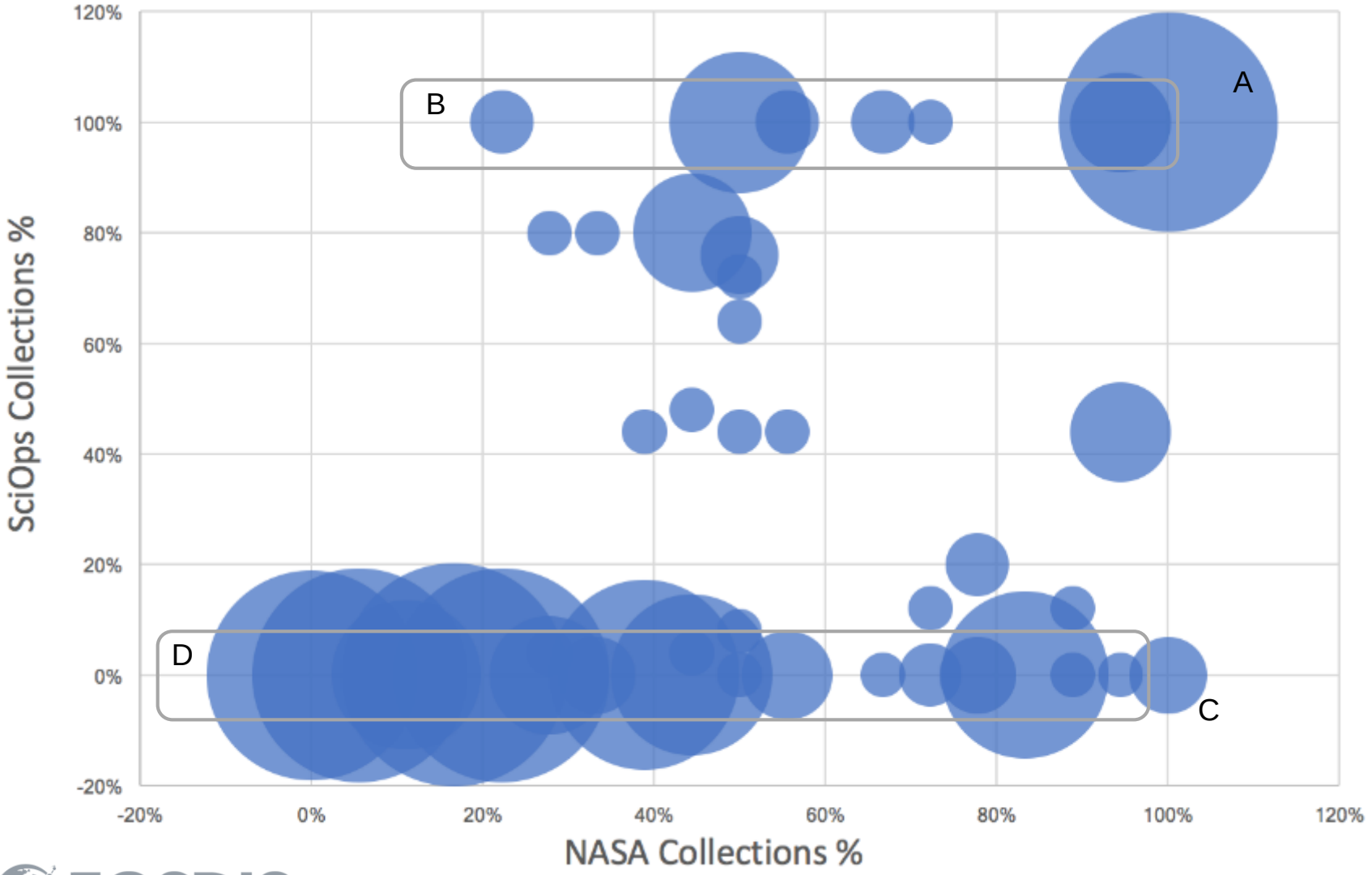
SciOpsProvided Elements vs. NASA



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